



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD, CHICAGO, ILLINOIS 60604

October 20, 2014

Mike Melton  
Project Coordinator  
Fairmont Minerals, PO BOX 177, 2069 N. 3462<sup>nd</sup> Road, Wedron, IL 60557

Dear Mr. Melton,

U.S. EPA has reviewed the *Final Report Administrative Order on Consent* dated August 4, 2014, that was prepared by GZA GeoEnvironmental, Inc., for Wedron Silica Company; Technisand, Inc.; and Lockheed Martin Corporation. Listed below are U.S. EPA comments on this Report.

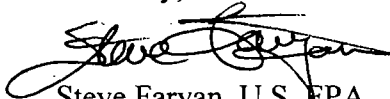
- Section 2.2, 1<sup>st</sup> bullet. The photoionization detector (PID) readings are in instrument units. It should be stated if these units are in the part per million (ppm) or part per billion (ppb) range.
- Section 2.2, 1<sup>st</sup> bullet. At boring WS-SB-GP-1, the highest PID reading was 4.9 units at 14-16' below ground surface (bgs). The sample at boring WS-SB-GP-1 was collected from 6-8' bgs where the PID reading was 4.3 units. Therefore, this sample was not collected at the location with the highest PID reading. EPA requests that you resample this location and collect the sample at the location with the highest PID reading, which was the 14-16 foot interval.
- Section 2.3, the approximate flow rate of the pump during groundwater sampling should be stated.
- Section 5.2. EPA requests that you collect 10 additional Geoprobe<sup>®</sup> borings between the former 4,000-gallon gasoline underground storage tanks area and the town of Wedron. The purpose of these borings is to better support the conclusion that this area is not a source of the contamination to the residential drinking water wells in the town of Wedron. At each additional boring collect soil samples, log soil lithology, log PID readings, note the depth to groundwater, and collect a groundwater sample, if possible. The results of the Stage 2 Site Investigation will be reviewed and these additional geoprobe locations will be based upon the results of this investigation.

In addition, please refer to the Illinois Environmental Protection Agency (IEPA) comment letter on the Stage 2 Site Investigation Plan for the underground storage tank (UST) area located on Wedron Silica Company property. U.S. EPA has provided comments to IEPA on the Stage 2 Site Investigation Plan, and IEPA will continue to maintain the lead on overseeing the site investigation at the subject UST tanks. U.S. EPA will be reviewing the results of the Stage 2 Site Investigation Plan and providing support and assistance to IEPA on this investigation.

Finally, additional sampling and investigation is warranted at the Monitoring Well 10 location on the Technisand Property. Results indicated high levels of ethylbenzene detected at 540 ug/l. Additional quarterly sampling will be required to evaluate this well and location. Additional soil sampling in this location is also necessary to further define the area and determine what source or sources are affecting Monitoring Well 10.

U.S. EPA looks forward to setting up a meeting or conference call to discuss these comments and follow up investigation work. Please contact me as soon as possible to schedule this meeting.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Faryan", is written over the typed name.

Steve Faryan, U.S. EPA  
On-Scene Coordinator  
Emergency Response Branch  
312-353-9351

cc: Bernard G. Fenelon, P.G., GZA GeoEnvironmental, Inc.